

**ABSTRACT**

A system and method of creating a panorama image from a series of source images includes registering adjoining pairs of images in the series based on common features within the adjoining pairs of images. A transform between each adjoining pair of images is estimated using the common features. Each image is projected onto a designated image in the series using the estimated transforms associated with the image and with images between the image in question and the designated image. Overlapping portions of the projected images are blended to form the panorama image.